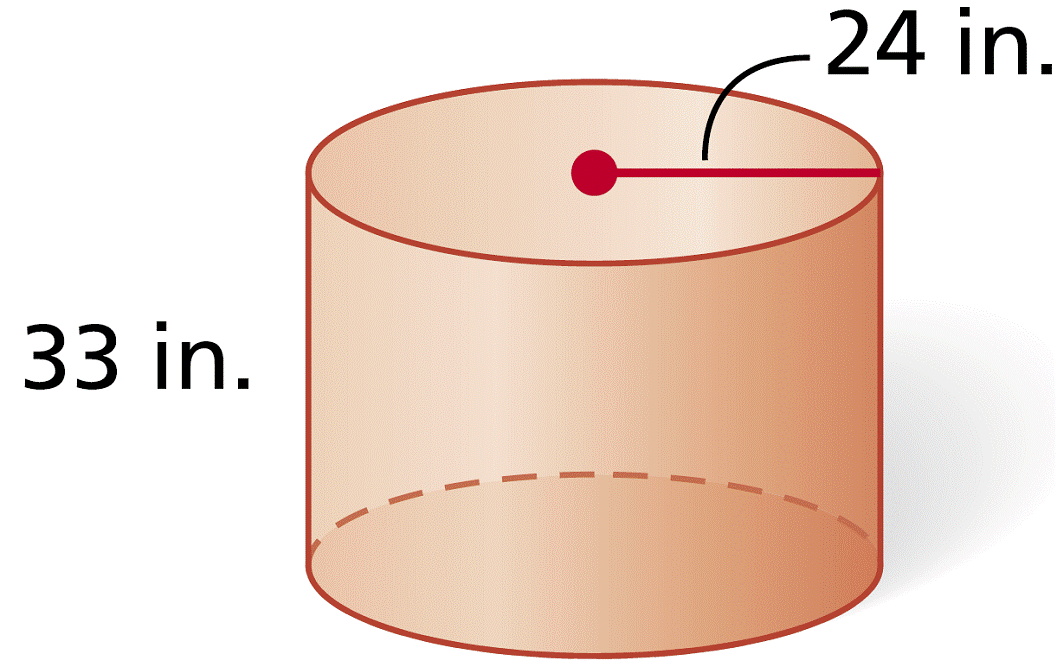
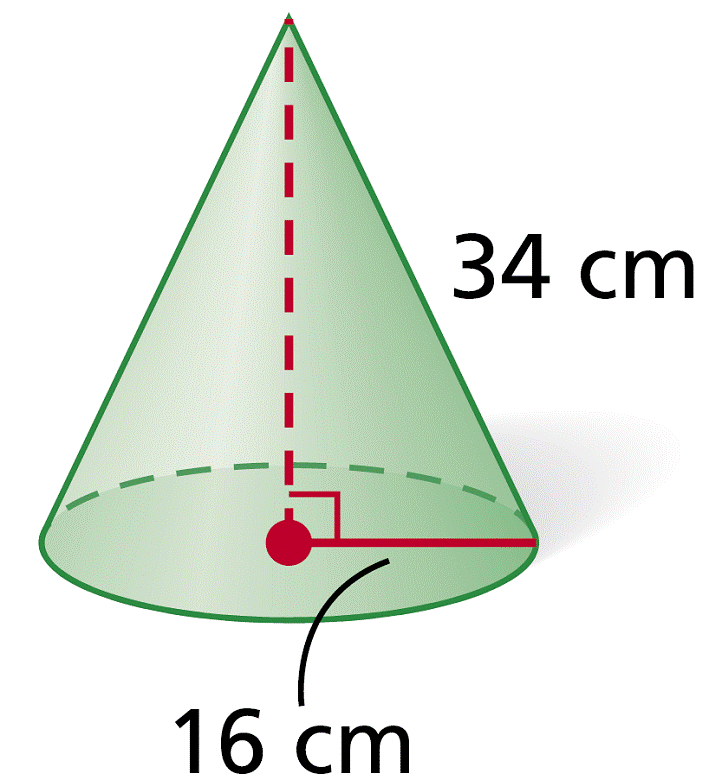
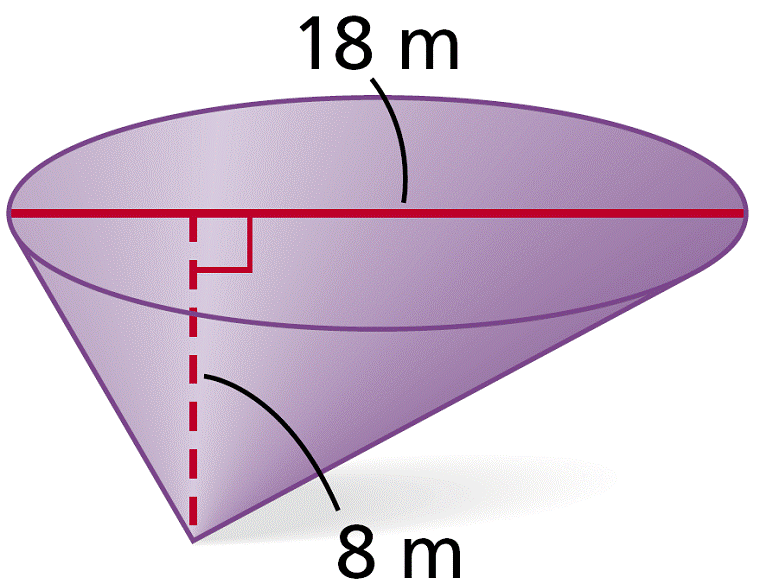
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

***Practice:***

**For #1-5, find the volume of each cylinder or cone.**

1) 2)

3) a cylinder with base area 196***π*** cm2 and a height equal to the diameter

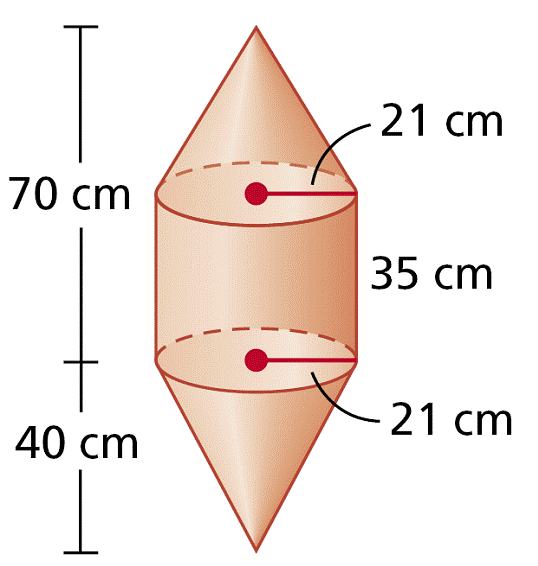


4) 5)

Thinking Questions:

6) The diameter and height of the cone are divided by 3. Describe the effect on the volume.

7) Explain how the formulas for the volume of a cylinder and cone are related.



8) Find the volume of the figure: